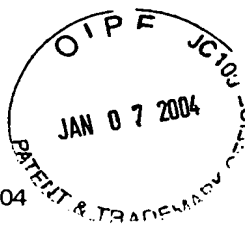


**Amendments to the Drawings:**

The attached sheet of drawings includes changes to Figs. 2, 2A and 3. This sheet, which includes Fig. 2, 2A and 3, replaces the original sheet including Figs. 2 and 3.

Attachment: Replacement Sheet



### REMARKS

Entry of the present amendment and consideration of the application subsequent to entry of the present amendment is respectfully requested.

By the present amendment, some minor changes have been made to the specification in accordance with the drawing change transmitted herewith.

Also by the present amendment claims 5-8 have been added.

Turning to the drawing changes, the change is directed to Figs. 2 and 3, and also includes an additional Fig. 2A. Within Fig. 2A, blocks are identified with reference numerals 15-18. Fig. 3 is rotated to coincide with the representation presented within Fig. 2. The cross-hatching within Fig. 2 is adjusted to indicate that the material may be a unified block.

It is to be noted in the figures that the blocks have different thicknesses (or heights) as is clearly shown within new Fig. 2A. And that lines separate the blocks at locations previously indicated as being desired by the Examiner.

It is to be noted that the blocks are distinct from the layers and correspond to that which is shown in Fig. 2A. As such, it is believed that the drawing change addresses the issues raised by the Examiner within the previous application serial No. 10/075,209, and accordingly it is respectfully requested that the drawing changes be approved by the Examiner.

Turning to the claims, it is to be noted that claim 5 has been added and includes the limitations of claim 8 in the previous application serial No. 10/075,209. The Nord patent, which was cited in the previous application, merely teaches a layer block for simulating tissue in a calibration process, and teaches bone-simulating

inserts. However, the Nord patent does not teach that the inserts should be distanced enough not to receive scattered radiation originating from neighboring inserts, which would spoil the measurements and the calibrations. It should be noted that such limitations are structure oriented and not merely performance based and the limitation is only fulfilled based upon distances and locations of the insert and not based upon scattering properties of the material used. Accordingly, it is respectfully submitted that claim 5, and the claims dependent therefrom, are allowable.

Turning to new claim 8, it should be clear that the limitations are not set forth within the cited prior art, and in particular, the patent to Nord.

In view of the foregoing, it is respectfully requested that the Examiner indicate the allowability of the subject application.

If there are any additional fees resulting from this communication, please charge same to our Deposit Account No. 16-0820, our Order No. 34364US1.

Respectfully submitted,

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